

SUPPLY CHAIN MANAGEMENT (SCM)

SCM-610 Foundations Supply Chain Management 4 Credits

Prerequisites: None

Students receive an overview of effective strategies for managing supply chains as well as an introduction to operations within complex networks and logistics. Practical skills to increase service levels and reduce costs are examined. Additional areas of examination include the following: strategic planning and operation of an effective supply chain design, advantages of competitive supply chains and how weaknesses in the chain impact operations, key drivers of supply chain performance, application of analytical methodologies to impact demand planning in supply chains, and an overview of the use of technology in supply chain management.

Lecture: 4, Lab 0, Other 0

SCM-611 Collaboration Supply Chain Management 4 Credits

Prerequisites: None

Students in this course examine traditional approaches to supply chain management as well as electronic commerce and issues related specifically to Internet delivery and evaluate innovative approaches to create efficiencies that enhance collaboration and decision-making. Technology structure for information sharing, team management, as well as issues of leadership and power are also examined.

Lecture: 4, Lab 0, Other 0

SCM-612 Customer Relationship Management 4 Credits

Prerequisites: None

Customer Relationship Management is at the core of all effective supply chains. Students in this course examine the comprehensive set of processes and technologies necessary for managing potential and current customers. Students in this course examine effective ways of managing the customer relationship to ensure an effective supply of materials required for product development. A range of CRM software is examined.

Lecture: 4, Lab 0, Other 0

SCM-613 Supply Chain Logistics 4 Credits

Prerequisites: None

An overview of strategic and tactical elements of logistics management is the focus of this course. Transportation, including multi-modal freight operations, high-tech automated warehousing, and order delivery are fundamental. Critical analysis of logistics with an emphasis on effective decision-making and innovation is primary. Students review basic distribution and logistics issues that impact overall business performance with the goal of analyzing and resolving distributions and logistics challenges evident in today's business environment.

Lecture: 4, Lab 0, Other 0

SCM-614 Procurement and Risk Management 4 Credits

Prerequisites: None

This course provides an overview of purchasing and strategic procurement of products and services to gain a competitive advantage. The focus is on contract negotiation and supplier management with the goals of identification, mitigation, and reduction of risks to ensure effective supply chains.

Lecture: 4, Lab 0, Other 0

SCM-615 Supply Chain Planning 4 Credits

Prerequisites: None

This course provides an overview of effective strategies for companies with global operations. These strategies consider the full spectrum of the supply chain from raw material to finished product. Emphasis is placed on planning and integration of supply chain components into a coordinated system. A range of tactics are explored to produce optimal outcomes in supply chains and provide competitive advantage including the appropriate technology, and software solutions applicable to the Final Project. The final capstone project allows for the analysis of a supply chain to provide insight into ways to streamline a current supply chain. Another option, students may choose is to provide an in-depth response to a supply chain challenge in a current or former workplace.

Lecture: 4, Lab 0, Other 0